

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

3X ϕ .098[2.50] ∇ .236[6]
M3X0.5 - 6H ∇ .177[4.50]

BALL INTERFACE
[20]
 ϕ .787

[31.75]
 ϕ 1.250

- NOTES:
1. NOMINAL SUPPLY PRESSURE: 60PSI
 2. NOMINAL LOAD: 900LBS [4000N]
 3. STIFFNESS: 2000000LBS/IN [350000N/mm]
 4. FLOW: 9.0 SCFH
 5. LIFT: .0002" [.005mm]
 6. MASS OF FLAT PAD: 3.8LBS [1.7KG]
 7. BEARING MATERIAL: 6061 AL, HARDCOAT
 8. BEARING TYPE: DISCRETE NOZZLE
 9. BEARING SURFACE FLATNESS: .00002"
 10. GUIDE SURFACE FLATNESS: <0.00005"/8"

[148]
5.827

[150]
 ϕ 5.906

[36]
1.417

[46]
1.811

.250 X 45.00°

AIR INLET
M5X0.8 - 6H ∇ .394[10.01]

[35]
1.378

[9]
.354

[1]
.039

ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	QTY REQD
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES \pm .XX \pm .01 +_1 .XXX \pm .005		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	NELSON AIR CORP. 559 ROUTE 13 SOUTH, PO BOX 2 MILFORD, NH 03055 (603) 673-3908 FAX: (603) 672-3008	
MATERIAL 6061-6511		APPROVALS	DATE	
FINISH BLACK HARDCOAT		DRAWN	CHECKED	
NEXT ASSY USED ON		RESP ENG	MFG ENG	
APPLICATION		QUAL ENG	DWG. NO. FP-C-060	
DO NOT SCALE DRAWING		REV. 00		SHEET 1 OF 1

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